ytmpipe

REPAIR COUPLING



DATA SHEET

Easy to Fit

Light Weight

Cost Saving Installation

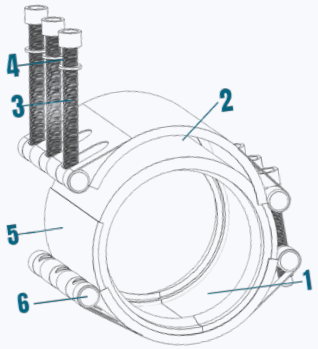
No Welding

Storage Space Saving

Wide Media Compatibility

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No	Part Name	Material
1	**Gasket**	EPDM, NBR, Viton, or Silicone
2	**Body**	Stainless steel AISI 304 or AISI 316
3	**Bolt**	Stainless steel AISI 304, AISI 316, or 12.9 Steel
4	**Washer**	Brass
5	**Armour Sheet**	Stainless steel AISI 304 or AISI 316
6	**Milbar**	Stainless steel AISI 304, AISI 316, or AISI 1040

Repair Coupling

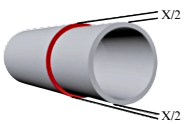
Technical Details and Dimension

Product Overview

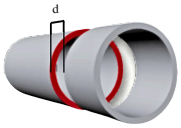
The Repair Coupling is a robust stainless steel coupling designed for the rapid connection and repair of pipelines without welding. Manufactured from AISI 304 or AISI 316 stainless steel, it ensures superior corrosion resistance and long service life.

Equipped with interchangeable sealing gaskets — EPDM, NBR, Viton, or Silicone — it provides compatibility with various media, including water, air, fuel, gas, and multiple chemicals. The coupling accommodates angular deflection, axial movement, diameter variations, and misaligned pipes, ensuring a reliable seal under pressures up to 24 bar.

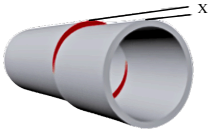
Repair & Connection Capabilities



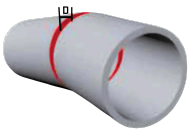
Connection of pipes with different diameter



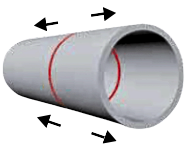
Connection of pipes with gaps between



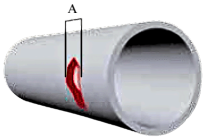
Connection of pipes with misaligned pipes



Connection of pipes with angular deflection



Connection of pipes with Movement



Repair of pipes with cracks

Sealing Gasket Options

EPDM — Water, air, and some chemicals | -20°C to +100°C
NBR — Fuel, gas, and some hydrocarbons | -20°C to +80°C
Viton — Wide chemical resistance | -40°C to +220°C
Silicone — Drinking/domestic water | -55°C to +200°C

Dimensions

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Range (mm)	Width (mm)	Pressure (bar)	Pressure (psi)	Milbars Dia. (mm)	Bolts Size	Torque (N·m)	Torque (Lbf·ft)
148-160	**200**	24	348	22	M12x6	40	30
158-170	**200**	24	348	22	M12x6	40	30
168-180	**200**	24	348	22	M12x6	45	33
178-190	**200**	24	348	22	M12x6	45	33
188-200	**200**	24	348	22	M12x6	45	33
198-210	**200**	24	348	22	M12x6	45	33
208-220	**200**	24	348	22	M12x6	45	33
218-230	**200**	24	348	22	M12x6	45	33
228-240	**200**	16	232	22	M12x6	50	37
238-250	**200**	16	232	22	M12x6	50	37
248-260	**200**	16	232	22	M12x6	50	37
258-270	**200**	16	232	22	M12x6	50	37
268-280	**200**	16	232	22	M12x6	50	37
278-290	**200**	16	232	22	M12x6	50	37
288-300	**200**	16	232	22	M12x6	50	37
298-310	**200**	16	232	22	M12x6	50	37
308-320	**200**	16	232	22	M12x6	55	41
318-330	**200**	16	232	22	M12x6	55	41
328-340	**200**	16	232	22	M12x6	55	41
338-350	**200**	16	232	22	M12x6	55	41
348-360	**200**	16	232	22	M12x6	55	41
358-370	**200**	16	232	24	M16x6	60	44
368-380	**200**	16	232	24	M16x6	60	44
378-390	**200**	16	232	24	M16x6	60	44
388-400	**200**	16	232	24	M16x6	60	44
398-410	**200**	16	232	24	M16x6	60	44
408-420	**200**	16	232	24	M16x6	60	44
418-430	**200**	16	232	24	M16x6	60	44
428-440	**200**	12	174	24	M16x6	65	48
438-450	**200**	12	174	24	M16x6	65	48
448-460	**200**	12	174	24	M16x6	65	48
458-470	**200**	12	174	24	M16x6	65	48
468-480	**200**	12	174	24	M16x6	65	48
478-490	**200**	12	174	24	M16x6	65	48
488-500	**200**	12	174	24	M16x6	65	48
498-510	**200**	12	174	24	M16x6	65	48
508-520	**200**	12	174	24	M16x6	70	52
518-530	**200**	12	174	24	M16x6	70	52
528-540	**200**	12	174	24	M16x6	70	52
538-550	**200**	12	174	24	M16x6	70	52
548-560	**200**	12	174	24	M16x6	70	52
558-570	**200**	12	174	24	M16x6	70	52
568-580	**200**	12	174	24	M16x6	75	55
578-590	**200**	12	174	24	M16x6	75	55
588-600	**200**	12	174	24	M16x6	75	55

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Range (mm)	Width (mm)	Pressure (bar)	Pressure (psi)	Milbars Dia. (mm)	Bolts Size	Torque (N·m)	Torque (Lbf·ft)
598-610	**200**	12	174	24	M16×6	75	55
608-620	**200**	12	174	24	M16×6	75	55
616-630	**200**	12	174	24	M16×6	75	55
628-640	**200**	12	174	24	M16×6	75	55
638-650	**200**	12	174	24	M16×6	80	59
648-660	**200**	12	174	24	M16×6	80	59
658-670	**200**	12	174	24	M16×6	80	59
668-680	**200**	12	174	24	M16×6	80	59
678-690	**200**	10	145	24	M16×6	80	59
688-700	**200**	10	145	24	M16×6	80	59
698-710	**200**	10	145	24	M16×6	80	59
708-720	**200**	10	145	30	M20×6	85	63
718-730	**200**	10	145	30	M20×6	85	63
728-740	**200**	10	145	30	M20×6	85	63
738-750	**200**	10	145	30	M20×6	85	63
748-760	**200**	10	145	30	M20×6	85	63
758-770	**200**	10	145	30	M20×6	90	66
768-780	**200**	10	145	30	M20×6	90	66
778-790	**200**	10	145	30	M20×6	90	66
788-800	**200**	10	145	30	M20×6	105	77
798-810	**200**	10	145	30	M20×6	105	77
808-820	**200**	10	145	30	M20×6	105	77
818-830	**200**	10	145	30	M20×6	105	77
828-840	**200**	10	145	30	M20×6	105	77
838-850	**200**	10	145	30	M20×6	105	77
848-860	**200**	10	145	30	M20×6	105	77
858-870	**200**	10	145	30	M20×6	120	89
868-880	**200**	10	145	30	M20×6	120	89
878-890	**200**	10	145	30	M20×6	125	92
888-900	**200**	10	145	30	M20×6	125	92
898-910	**200**	10	145	30	M20×6	125	92
908-920	**200**	10	145	30	M20×6	125	92
918-930	**200**	10	145	30	M20×6	130	96
928-940	**200**	10	145	30	M20×6	130	96
938-950	**200**	10	145	30	M20×6	130	96
948-960	**200**	10	145	30	M20×6	130	96
958-970	**200**	10	145	30	M20×6	130	96
968-980	**200**	10	145	30	M20×6	130	96
978-990	**200**	10	145	30	M20×6	135	100
988-1000	**200**	10	145	30	M20×6	135	100
998-1010	**200**	10	145	30	M20×6	135	100
1008-1020	**200**	10	145	30	M20×6	135	100
1018-1030	**200**	10	145	30	M20×6	135	100
1028-1040	**200**	10	145	30	M20×6	140	103
1038-1050	**200**	10	145	30	M20×6	140	103

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Range (mm)	Width (mm)	Pressure (bar)	Pressure (psi)	Milbars Dia. (mm)	Bolts Size	Torque (N·m)	Torque (Lbf·ft)
1048-1060	**200**	10	145	30	M20×6	140	103
1058-1070	**200**	10	145	30	M20×6	140	103
1068-1080	**200**	10	145	30	M20×6	140	103
1078-1090	**200**	10	145	30	M20×6	140	103
1088-1100	**200**	10	145	30	M20×6	145	107
1098-1110	**200**	10	145	30	M20×6	145	107
1108-1120	**200**	10	145	30	M20×6	145	107
1118-1130	**200**	10	145	30	M20×6	145	107
1128-1140	**200**	10	145	30	M20×6	150	111
1138-1150	**200**	10	145	30	M20×6	150	111
1148-1160	**200**	10	145	30	M20×6	150	111
1158-1170	**200**	10	145	30	M20×6	150	111
1168-1180	**200**	10	145	30	M20×6	150	111
1178-1190	**200**	10	145	30	M20×6	150	111
1188-1200	**200**	10	145	30	M20×6	155	114
1198-1210	**200**	10	145	30	M20×6	155	114
1208-1220	**200**	10	145	30	M20×6	155	114
1218-1230	**200**	10	145	30	M20×6	155	114
1228-1240	**200**	10	145	30	M20×6	155	114
1238-1250	**200**	10	145	30	M20×6	155	114
1248-1260	**200**	10	145	30	M20×6	160	118
1258-1270	**200**	10	145	30	M20×6	160	118
1268-1280	**200**	10	145	30	M20×6	160	118
1278-1290	**200**	10	145	30	M20×6	160	118
1288-1300	**200**	10	145	30	M20×6	165	122

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